

## Document Log Item

<b>Addressing</b>	
<b>From</b>	<b>To</b>
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<b>Description</b> <span style="float: right;">Form Used: Reply</span>	
<b>Subject</b>	<b>Date/Time</b>
Blow-Out Prevention Permit Language	01/29/2010 05:02 PM
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Body

## Document Body

Victor and Ned,  
I wanted to show you how our current permit language addresses blow-out prevention (BOP), as I noted that your information request of Shell includes specifics pertaining to their BOP design. The language is draft and submit to change during our permit writing process.

1. Drilling, Work-over, and Plugging Procedures

**Drilling, work-over, and plugging procedures must comply with the CDOGGR "Onshore Well Regulations" of the California Code of Regulations, found in**

**Title 14, Natural Resources, Division 2, Department of Conservation, Chapter 4, Article 3, Section 1722-1723. Drilling procedures shall also include the following:**

- (a) Details for staging long-string cementing or justification for cementing without staging;
- (b) Records of daily Drilling Reports (electronic and hard copies);
- (c) **Blowout Preventer (BOP) System testing on recorder charts including complete explanatory notes during the test(s),**
- (d) Casing and other tubular and accessory measurement tallies; and
- (e) Details and justification for any open hole gravel packing.

The "Onshore Well Regulations" that we cite in our permit may be found at <ftp://ftp.consrv.ca.gov/pub/oil/regulations/PRC04.PDF> -- and the applicable language is on page 29, with specific guidances on design found in DOGGR publication No. MO 7, as noted below.

**1722.5. Blowout Prevention and Related Well Control Equipment.**

Blowout prevention and related well control equipment shall be installed, tested, used, and maintained in a manner necessary to prevent an uncontrolled flow of fluid from a well. Division of Oil, Gas, and Geothermal Resources publication No. MO 7, "Blowout Prevention in California," shall be used by Division personnel as a guide in establishing the blowout prevention equipment requirements specified in the Division's approval of proposed operations.

Please let me know if you have any further questions and I would be happy to discuss them.

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